

CLAIMS

1. A projector holder comprising a connecting element (2) which includes a coupling element (23) for connection of the projector holder to a supporting structure, and at least
5 three arms (1) which are carried by the connecting element for rotation about mutually parallel axes and for radial displacement relative to said axes, so that a first end (10) of the arms (1) can be brought into alignment with threaded openings (42) in a wall (41) of a projector housing, wherein each arm (1) carries a coupling device (3) for connecting said first end of a respective arm to a nearby threaded opening (42) in the wall of said housing,
10 and wherein the connecting element (2) is adapted to releasably secure the second end portions (12) of the connected arms, characterised in that the coupling device (3) includes a screw (31) which extends through an opening (11) through the first end portion (10) of a respective arm (1) with a given degree of clearance, and two nuts (33, 34) which co-act with the thread on the screw (31) and each of which is mounted on a respective side of said
15 arm (1), wherein the thread on the screw (31) is able to co-act with the thread in the opening (42) of the projector housing wall, such as to enable the screw (31) to be screwed to a desired depth in threaded openings (42) in said housing wall (41), wherein the nuts (33, 34) can be moved along the screw (31) in a manner to locate the arm (1) at a chosen distance from the housing wall (41) and such as to be tightened against said arm and
20 therewith secure the screw (31) against rotation.
2. A projector holder according to Claim 1, characterised in that the connecting element (2) includes a screw (21) and a nut (24) which co-acts with said screw (21), of the connecting element, wherein second ends (12) of respective arms (1) include an
25 elongate slot (13) through which the screw (21) of said connecting element (2) extends, and wherein the screw (21) of said connecting element extends through slots (13) such as to enable a stack of arms (1) to be clamped stably to the connecting element.
3. A projector holder according to Claim 2, characterised in that the slots (13) in
30 respective arms are open towards said second end (12) of the arms.
4. A projector holder according to any one of Claims 1-3, characterised in that the arms (1) have generally a flat cross-sectional profile so as to support stably against each other in the connecting element (2).

5. A projector holder according to any one of Claims 1-4, characterised in that the arms (1) are generally straight, so as to extend generally radially to the screw (21) of the connecting element that carries the tightening nut (24) of said element (2).
- 5 6. A projector holder according to Claim 5, characterised in that the further screw (21) of the connecting element (2) includes a shoulder (22) that supports against an adjacent arm (1).